



REQUEST FOR BID
Date: 03/13/09
Bid #08-0230

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RETURN BY OPENING TIME TO:
Purchasing Division
RM 100 City Hall
411 West 1st Street
Duluth, MN 55802

FIRE HYDRANTS

Buyer: Dennis Sears
Phone: 218-730-5003
Fax: 218-730-5922

BID OPENING AT 2:00 PM ON Tuesday, April 7, 2009

Note: All bids must be written, signed, and transmitted in a sealed envelope, plainly marked with the bid number, subject matter, and opening date. The City of Duluth reserves the right to split award where there is substantial savings to the city, waive informalities and to reject any and all bids. Bidder should state in proposal if bid is based on acceptance of total order. Sales tax is not to be included in the unit price. Bidder to state freight charges if, proposal is F.O.B. shipping point, freight not allowed. Low bid will not be the only consideration for award of bid. All pages must be signed or initialed by authorized bidder's representative as indicated at the bottom of the page(s) of the request for bid forms.

RETURN BID IN DUPLICATE WITH DUPLICATE DESCRIPTIVE LITERATURE
FOR BID RESULTS, ENCLOSE A SELF-ADDRESSED, STAMPED ENVELOPE WITH BID
WWW.CI.DULUTH.MN.US/CITY/SERVICES/PURCHASING

Designated F.O.B. Point
520 Garfield Ave
Duluth, MN 55802

Tax: Federal Excise Tax Exemption
Account No. 41-74-0056 K

Item No.	Qty	U/OM	Description	Unit Price	Total Price
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Fire Hydrants per the attached list
and specifications. Bid Waterous Pacer
only. Mueller not needed at this time.

Vendor E-mail Address _____ Freight Charges N/A

Name _____
Addr _____

Total Bid Price _____
(To include any additional pages)

Payment Terms _____

By: _____
(print title)

F.O.B. Point N/A

Delivery Date N/A

(signature) (tele#)

The City of Duluth is an Equal Opportunity Employer

Item No	Qty	U/OM	Description	Unit Price	Total Price
WB-67					
01	6	ea	7'6" Waterous Pacer Hydrant	_____	_____
02	6	ea	8' Waterous Pacer Hydrant	_____	_____
03	3	ea	9'6" Waterous Pacer Hydrant	_____	_____
04	8	ea	12" Extension Kit-Top-WB67	_____	_____
05	2	ea	18" Extension Kit-Top-WB67	_____	_____
06	1	ea	24" Extension Kit-Top-WB67	_____	_____

Note: City of Duluth standard threads-7 per inch on steamer nozzle and 2 hose nozzles with National standard fire hose coupling screw thread.

All the hydrants should be bid with brass cross-arms.

All the hydrants should be bid with 16" upper standpipe lengths.

Duluth Specification 2.3 Fire Hydrants: Fire hydrants shall be Waterous Pacer WB-67-250 conforming to the requirements of AWWA C502 and the following supplementary requirements:

1. Main Valve Opening - 5-1/4 inches nominal diameter.
2. Bury Depth - 7-1/2 feet measured from the bottom of the branch pipe connection to the finished ground line at the hydrant.
3. Nozzles - One steamer connection, 4-1/2 inch (ID), City of Duluth Standard threads, 7 threads per inch and two hose nozzles, 2-1/2 inch (ID), with National Standard Fire-Hose Coupling Screw Threads.
4. Hydrant operating mechanisms shall be provided with "O" ring seals preventing entrance of moisture and shall be lubricated through an opening in the operating nut or bonnet.

5. Connection shall be a 6 inch mechanical joint complete with gland, bolts, and harnessing lugs.
6. Operating and nozzle cap nuts shall be pentagon, 1-1/2 inches point to face. Operating nut shall have an o-ring or seal ring to keep water and dirt from entering the bonnet. Opening shall be counterclockwise.
7. Design of hydrant shall allow for removal of the main waste valve seats without excavating or disturbing the ground.
8. Portions of the hydrant above the ground line shall be primed and painted chrome yellow. Coating below the ground line shall be according to standards.
9. A traffic flange and operating rod coupling shall be located not more than 4 inches above the ground line and be designed so that in the event of an accident or breaking of the hydrant above the ground line, the main valve will remain closed.
10. Lower flange on the nozzle section shall be the swivel type.
11. Hydrants shall be provided with outlets for drainage in the base or barrel, or between the base and barrel, unless the Special Provisions require that drain outlets be omitted or plugged.
12. Bolts and nuts below grade shall be stainless steel.